



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application Of: Shane et al.

Examiner: Nguyen, Mgonc Yen M.

Serial No.: 10/050,491

Group No. 1754

Filed: January 16, 2002

Docket No.: 822001-1030 (TOM8)

For: **Pressurized Solution Feed System for
Introducing Hypochlorous Acid to a
Fluid Stream**

PATENT
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TC 1700

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

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Sir:

This information disclosure statement is filed in accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, and specifically:

- ☒ under 37 CFR 1.97(b), or
(within Three months of filing national application; or date of entry of international application; or before
mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement Under 37 C.F.R. 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97(b) time period, but before the final office action or notice of allowance, whichever
occurs first)
- ☐ under 37 CFR 1.97(d) together with a:
☐ Statement under 37 CFR 1.97(e), and
☐ a \$180.00 petition fee set forth in 37 CFR 1.17(p).
(Filed after final office action or notice of allowance, whichever occurs first, but before payment of the
issue fee)

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Enclosed is a check in the amount of \$. Please charge \$ to deposit account . At any time during the
pendency of this application, please charge any fees required to Deposit Account pursuant to 37 CFR 1.25. The
Commissioner is hereby requested to credit any overpayment to Deposit Account No.

- ☒ Applicant(s) submit herewith *Form PTO 1449A - Information Disclosure Statement by Applicant* together with copies of
patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may or may not
be material to the examination of this application and for which there may be a duty to disclose in accordance with 37
CFR 1.56. As required by 37 C.F.R. §1.98(a), a legible copy of each document is provided.
- ☐ A concise explanation of the relevance of foreign language patents, foreign language publications and
other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in
37 CFR 1.56(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent
is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English
language version of the search report or action which indicates the degree of relevance found by the foreign office is listed
on the form PTO 1449 and is enclosed herewith.

The following rights are reserved by the Applicant(s): the right to establish the patentability of the claimed invention over any of the listed documents should they be applied as reference, and/or the right to prove that some of these documents may not be prior art, and/or the right to prove that some of these documents may not be enabling for the teachings they purport to offer.

This statement should not be construed as a representation that an exhaustive search has been made, or that information more material to the examination of the present application does not exist. Any statements or identifications regarding the relevance of any portion(s) of cited references should not be construed as a representation that the most relevant portion(s) have been identified, and the absence of such statements or identifications should not be construed as representations that there are no relevant portion(s). The Examiner is specifically requested not to rely solely on the materials submitted herewith. The Examiner is requested to conduct an independent and thorough review of the documents, and to form independent opinions as to their significance.

It is requested that the information disclosed herein be made of record in this application and that the Examiner initial and return a copy of the enclosed PTO-1449 to indicate the documents have been considered.

Respectfully Submitted,

THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.

By:

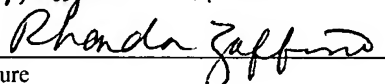

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CERTIFICATE OF MAILING

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Box 1450, Alexandria, VA 22313-1450 on

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Form PTO-1449

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

 Attorney Docket No.
822001-1030

 Serial No.
18450 491

 Applicant
SHANE et al.

 Filing Date
01-16-02

 Group
175

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A	6,605,308	08-2003	Shane et al.	426	332	
	B	6,220,952	04-2001	Taylor et al.	452	173	
	C	6,093,093	07-2000	Mostoller et al.	452	173	
	D	6,083,095	07-2000	Simmons	452	123	
	E	6,019,905	02-2000	Waggoner	210	739	
	F	5,935,518	08-1999	Richard et al.	422	28	
	G	5,364,650	11-1994	Guthery	426	331	
	H	4,769,154	09-1988	Saylor	210	707	
	I	4,578,119	03-1986	Marcus et al.	134	4	
	J	5,234,703	08-1993	Guthery	426	331	
	K	5,178,579	01-1993	Simmons	452	123	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	L	GB 1 428 920	03-1976	Great Britain			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

M	EMSWILER-ROSE, B., Kotula, Anthony W. (1984) Inhibition of Bacterial Growth by Two Chlorine Sources in a Model System, Journal of Food Science, Vol. 49, p. 931-933.
N	ODLAUG, Theron, Pflug, Irving J. (1978) Microbiological and Sanitizer Analysis of Water Used for Cooling Containers of Food in Commercial Canning Factories in Minnesota and Wisconsin, Journal of Food Science, Vol 43, p. 954-963.
O	JOHNSON, M.G., et al. (1979) Bacterial Counts on Surfaces of Carcasses and in Ground Beef from Carcasses Sprayed or Not Sprayed with Hypochlorous Acid, Journal of Food Science, Vol. 44, p. 169-173.
P	GHANBARI, H.A. et al. (1981) The Fate of Hypochlorous Acid During Shrimp Processing: A Model System, Journal of Food Science, Vol. 47, p. 185-197.
Q	ROMANS, John R., Ziegler, P. Thomas (1977) The Meat We Eat, p. 22-23, 56-57, 118-119, 124-125, 197-200.

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

DATE CONSIDERED:



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INFORMATION DISCLOSURE CITATION*(Use several sheets if necessary)*Attorney Docket No.
822001-1030Serial No.
101650491Applicant
SHANE et al.Filing Date
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TC 1700**U.S. PATENT DOCUMENTS**

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A1	4,996,741	03-1991	Covell	452	74	
	B1	4,333,833	06-1982	Longley et al.	210	198.1	
	C1	4,313,827	02-1982	Ratigan et al.	210	136	
	D1	4,250,144	02-1981	Ratigan	422	112	
	E1	4,244,978	01-1981	Barta	426	332	

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		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	F1							
	G1							
	H1							
	I1							

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, etc.)*

	J1	
	K1	
	L1	

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